

# FROWEIN GMBH & CO. KG

## Detmol-vap

### Use

Control of flying and crawling material and hygiene pests, especially for Yellow fever mosquitoes (*Aedes aegypti*), Asian tiger mosquitoes (*Aedes albopictus*), Mediterranean flour moths (*Ephesia kuehniella*), German cockroaches (*Blattella germanica*), Oriental cockroaches (*Blatta orientalis*), Grain weevils (*Sitophilus granarius*) and Red poultry mites (*Dermanyssus gallinae*). National regulations for application and trading have to be observed.

### Type

Emulsifiable concentrate (EC) - concentrate to be diluted with water. For application with ULV-/cold- and hot fogging equipment in closed rooms and in open land.

### Active Ingredients

Vaporthrin® (248 g/l) + pyrethrum-extract 25 % (52 g/l).

Contains solvent naphtha (crude oil), calcium dodecylbenzene sulfonate, isobutanol.

### Mode of Action

Effect by contact with the ultrafine fog droplets and by respiration of vapours. Quick and even distribution by active diffusion (vaporthrin®). Spontaneous knockdown effect. No residual effect.

### Dosage

Normally Detmol-vap is sprayed as a 2,5 % water dilution (25 ml concentrate per 1 l water).

Flying insects: 0,5 l ready to use preparation per 1000 m<sup>3</sup>.

Crawling insects: 3,0 l ready to use preparation per 1000 m<sup>3</sup>.

For control of pests outdoors (e. g. for control of mosquitoes, etc.):

Normally Detmol-vap is sprayed as a 2,5 % water dilution (25 ml concentrate per 1 l water).

5 – 10 l ready to use preparation per ha, depending on the weather conditions and the degree of infestation. To improve the distribution of fog you can add 5 – 10 % Nebol (fog enhancer).

### Application

It is applied with thermal fog generators (IGEBA and other) or cold fogging equipment (turbo-sprayer, Unipro 5, U-40HD-M, etc.). Before application close windows, doors and other openings. Shut off ventilating and air conditioning systems as well as fire detectors.

In case of flying insects it is sufficient to distribute the fog evenly in the room. In case of crawling insects spot spraying of all infested, suspected or endangered locations intensifies the surety of success. Before application, uncover places of infestation, so that the fog can reach all infested places as easily as possible. In large rooms, pay attention to fog distribution, that means while fogging go towards the exit. To improve the distribution of fog during the cold fogging application you can add 5 – 10 % Nebol (fog enhancer). Rooms must be closed at least for 6 hours. Afterwards ventilate rooms thoroughly.

### Caution

Flammable liquid and vapour. May be fatal if swallowed and enters airways. Causes skin irritation. Causes serious eye damage. May cause respiratory irritation. May cause drowsiness or dizziness. Very toxic to aquatic life with long lasting effects. Keep out of reach of children. If medical advice is needed, have product container or label at hand. Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Keep container tightly closed. Do not breathe vapour. Do not get in eyes, on skin, or on clothing. Wear protective gloves/protective clothing/eye protection/face protection. IF SWALLOWED:

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Immediately call a POISON CENTER/doctor. Do NOT induce vomiting. IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower. IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Avoid release to the environment. Collect spillage. Dispose of contents/container in accordance with local and national regulations.

Vapours may form explosive mixture with air.

All persons except applicators have to leave the room. Remove unpacked foodstuffs and feed, domestic cattles and animals as well as toys, exposed dishes and other commodities before application. Cover aquariums and terrariums (shut off ventilating system). Cover kitchen utensils, tables, benches and other surfaces on which food is laid down, prepared or consumed as well as clothes, seating furniture or other surfaces which are often contacted by skin or wash or clean them before use with an alkaline detergent.

Official recommendation for pyrethroids:

In case of intensive skin contact (especially of the face) the product may cause a tickling sensation without external irritative symptoms. The occurrence of this irritation is a warning; discontinue use. Get medical attention if symptoms persist or develop or if further symptoms occur.

Store package tightly sealed in cool places. Keep away from waters.- It is not permitted to use the package again.

### Disposal

Wastes resulting from the use of this product are to be disposed at an approved waste disposal facility. Completely empty packages are to be offered for recycling.

Vaporthrin® – a registered trademark by Sumitomo (= empenhrin).

### Packaging

Aluminium bottle, cont. 1 l.



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